

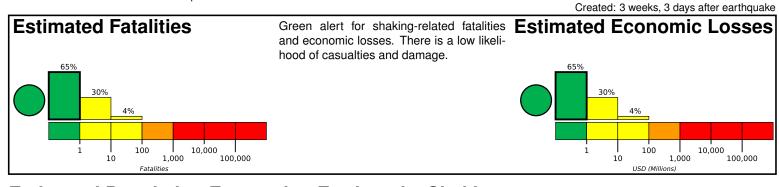




PAGER Version 6

M 4.1, Nevada

Origin Time: 2023-11-10 15:30:43 UTC (Fri 07:30:43 local) Location: 38.2133° N 117.8288° W Depth: 15.1 km



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		1,864k	28k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

5000 10000 119.0°W 117.5°W 116.0°W 38.2°N Tonopah Goldfield Mamrioch Lake Beatty

Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1980-01-24	346	5.8	VII(35k)	1
1989-08-08	379	5.4	VII(4k)	1
1989-10-18	367	6.9	VIII(109k)	62

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org MMI City Population Tonopah Ш Goldfield 0 Ш Hawthorne 3k Ш Dixon Lane-Meadow Creek 3k Ш **Bishop** 4k West Bishop Ш 3k Carson City 55k 495k Fresno Reno 225k Clovis 96k Sparks 90k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/nn00868733#pager

Event ID: nn00868733